

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [3357] 30M log summary
Message-ID: <199509220952.JAA04898@chuck.dallas.sgi.com>

>From 06/08/95 to 08/29/95:

44 states worked
35 confirmed with QSLs
186 QSOs

States missed AK, DE, KS, NV, ND, and RI

Countries:

Germany, Canada, Japan, Bahamas, New Zealand, Mexico, and others.

63 stations were running QRP also

Worked Germany three times and New Zealand once and all the times were between 0330UTC and 0410UTC, which is about 9:30 to 10 p.m. local. So when the band is about to close seems like the best time to catch some real long propagation.

Japan was done 1335UTC, which is local sunrise here in TX or close to it.

So for DX, work 'em early or work 'em late. No rest for the weary.

: -)

FYI

p.s. all done with 0.95W or less to 30M end fed long wire up 5M at the most. 4Ahr Gel-cell for power and CK-2 keyer with Vibroplex Brass Racer. (The person sending me email on the CK-2 I have your answer but I lost your mail).

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: NYOUNG@nova.wright.edu
Subject: [3348] another goofy radio project barks to life

Message-ID: <01HVJKVV15368Y7GIL@nova.wright.edu>

Those who know me well enough to stay away know that I have a fascination for little radios. Little, tiny radios. Very small, tiny, teensy-weensy radios. And I like 'em bullet proof. Physically bullet proof. To which end some years ago I bought the last three of those extruded aluminum boxes with plastic end panels that Radio Shack used to sell. I kept 'em around for years, putting one thing after another in 'em until finally I ended up with two empty. Then, as usual, I got an idea.

I wanted to find a home for the "Twofer" transmitter that I bought a few years ago, and I wanted as well to have a receiver in the same box. Kinda like a little radio in a bulletproof box. Well, the "Twofer" worked great. Five watts on 7040 or 7030, depending on which crystal I plugged in. But I had trouble scheming a receiver. Then I got another idea.

Back in '89 G3RJV dreamed up a little receiver on a very small board that worked, according to reports, very nicely. This is/was the "Sudden" receiver (SPRAT 58). I was intrigued by the size but, at the time, had not the time or inclination to find my way to building one. But then was then and now was now and I still had this "Twofer" with no way of listening up. So, a week ago I sent Bill Kelsey (N8ET) a check and an order for the 40m model. Soon enough the kit arrived and I began warming up the iron and penciling in construction time.

The Sudden is a direct conversion rx running two ICs, a handful of Rs and Cs and a couple Ls. It goes into a board less than 2 inches square (with the on-board place for the tuning cap shaved off). And it goes together pretty quick. (And I say this knowing that it would be best a "guided" adventuring in kit building for the beginner. For old crusty creakers like me it was simple: I mapped the parts layout from the instructions onto the board and then put the stuff on the board where it belonged.) I put it together (maybe half an hour) and put it on the subpanel that I'd made for the box. Remember the box? That cast aluminum deal from Radio Shack? Ok.

The first turn on for the Sudden rx was classic "no smoke and I hear things that sound like radio signals." A few twists of the tuning tool and I was dead on frequency at 7030. I might mention here, however, that the receiver -- even when hooked to a resonant antenna -- has very little oscillator feed-through. I had to connect the Sudden rx antenna directly to the antenna hose on the TR7 (with transmit functions disabled... you can do that on a TR7, by the way) in order to tune the Sudden vfo to the intended frequency. I consider this a plus, by the way. It just means that your DC rx signal is going to be a lot less audible to the other guy than your tx signal.

But that's a personal communications factor.

SO what'd I end up with? A very nifty TRX. I can switch between two xtal transmit frequencies and I can tune around the tx freqs with a nice little receiver that really does hear things. (The Sudden in this box tunes 7025-7050, thus covering the space between 7030 and 7040 with extra range just in case.) Oh, sure, I had to cobble together my version of the "Oner" t/r circuit, but it works real nice. And I actually had a couple QSOs on it too. But then I got another idea...

Next? Well, there's that circuit for a regenerative AF cw filter in SPRAT #53. And there's a couple ways to mute the receiver that I've seen in QRPp that I'd like to try. And maybe if I replace the "Twofer" with a "Oner" I can still have enough room for a digital dial and a DSP filter and maybe one of those little keyers... Nah. That's too much like work. I think I'll just leave it the way it is and see who I run into on the air with it.

By the way, I do not own stock in Kanga. I just think that the Sudden rx is a surprising little DC rx. Check it out. It's cool.

73
Nils
WB8IJN &c

From qrp-l@lehigh.edu Fri Sep 22 10:09:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: [3360] another goofy radio project barks to life
Message-ID: <199509221116.IAA20863@public.compuserve.com>

QRP-L Gang,

As a follow-up to Nils 11 o'clock news report on his great little Sudden receiver by Kanga - I will vouch, as another eye witness, to the greatness of this design (my first qrp project when I started my journey back to QRP).

The design, to me, is nicer than the old QST Neophyte design, in that the Sudden uses miniature can inductors (TOKO) so there are no nasty torroid windings for a beginners first time project.

As a follow-up to this design by Rev George Dobbs, the latest issue of the RSGB RadCom has a 'simplified' version of the Sudden built for 80 meter CW. The design uses the same parts line up with a couple changes for cw (audio filtering) and this rendition was built "ugly" style on a pc board. Maybe Bill N8ET at Kanga USA can review the design and include the info in any new

Sudden kits he sells.

More news at Midnight

73/72 Bob V01DRB/WA6ERB

>
>Back in '89 G3RJV dreamed up a little receiver on a very small board
>that worked, according to reports, very nicely. This is/was the "Sudden"
>receiver (SPRAT 58). I was intrigued by the size but, at the time,
>had not the time or inclination to find my way to building one. But then
>was then and now was now and I still had this "Twofer" with no way of
>listening up. So, a week ago I sent Bill Kelsey (N8ET) a check and
>an order for the 40m model. Soon enough the kit arrived and I began
>warming up the iron and penciling in construction time.
>
>73
>Nils
>WB8IJN &c
>
>

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|-------------|----------------------------------|--|
| Bob Gobrick | V01DRB/WA6ERB/VE2DRB | Newfoundland, Canada |
| QRPer | Galore - QRP | ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: | bgobrick@terra.nl.net.nf.ca | |
| | rgobrick@public.compuserve.nf.ca | |
| Compuserve: | 70466.1405@compuserve.com | |

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: richards@nylink.org
Subject: [3353] Another Sierra lives
Message-ID: <9509220028.AA07142@genesis.nylink.org>

Hi everybody,
I'm finally getting my Sierra functional. I still have two band modules to build yet (Holy ferrite Batman, that's alot of toroids), but I'm getting there. It worked fb right from the start on 20m but with only 800mw. I think that can be fixed easy enough, 80 and 30 are fine.
I am having a slight problem getting it aligned though, I need to know if I'm goofy or my test equipment is (or both). My frequency counter won't read the PMO signal on pin 6 or 7 of U7. I gets

nothing on the readout. I'm using a 10x O'scope probe with the counter. I resorted to using the frequency generator set at the frequency specified and peaked C70 for max signal. Seems to be working and my KWM-2A thinks the signal is right on. The counter also gives to different readings for output frequency at the antenna connector, direct it reads what I think is correct but with the counter antenna connected and no direct connection to the BNC it reads about 3kHz low. Either way its likely close enough because I only have 147kHz of VFO range between the calibration points on the dial (sniff, sniff). Any thoughts or comments would be appreciated. Hope to be working the foxhunt with the Sierra, see you there.

72 and 73 de Rick WZ2T
email richards@nylink.org

73 de Rick WZ2T richards@nylink.org

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Stan Skelton <sskelton@cln.etc.bc.ca>
Subject: [3340] CMOS Super keyer III (attn. Glowbugs)
Message-ID: <Pine.3.89.9509210704.A20288-0100000@sparky>

Hi Bill (KC2GS) and Byron (WA8LCZ)...this is my first keyer (I'm getting into amateur radio late in life)...so I don't have any comparisons to base it on but it goes together pretty easily (I'm at the "fitting it all into the box & wishing I'd chosen a bigger one" stage).

I checked the write up in Aug QST mag. to see if Bill's question as to the G <gap> command was new in the III machine but found no reference to it, maybe Byron can tell us if the G <gap> command is found in the II.

In case it isn't, this is the way it works.....When you program in a message (into memory) like, say:

CQ CQ CQ DE VE7SK /G4 T

The following happens...it will send the cq cq cq de ve7sk, then it will pause for 4 "ticks" ...(3 ticks is the normal space between two characters, a "tick" being the length of a dit) then it will send the t, completing the message...

This is a great system only lacking one thing.....many of the embedded commands will allow you to call other messages thus allowing looping capacity, pausing in mid message for hand keying, editing messages so you don't have to completely re-do the longer ones, etc. etc.

etc. BUT if they had just given it a "counter" so you could tell it to run a certain message so many times etc. it would open up full programming characteristics and make it fantastic...

73's Stan...VE7SKT

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Mark D Jarmuz <jarmuz@acsu.buffalo.edu>
Subject: [3350] F/S MFJ9030
Message-ID: <Pine.SOL.3.91.950921183222.13359A-100000@autarch.acsu.buffalo.edu>

Hi gang,
Just doing some fall cleaning. For sale; MFJ9030. 3 1/2 months old, mint condition..... \$125. firm... please respond by email.

AA2PF

Dave.

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: "Hal R. Waite" <halwaite@netcom.com>
Subject: [3342] FS: Atlas RX-110 Receiver & TX-110 Transmitter
Message-ID: <Pine.SUN.3.91.950921083027.23145E-100000@netcom20>

The listed Atlas equipment, of which only a few were made, is absolutely mint and fully operational. Coverage is 80-10 meters (no WARC back then) at about 6 watts output in both SSB and CW. Operates from either 12V DC or 110V AC. SSB/CW filters with RIT. Includes original manuals.

A beautiful rare collector and user. \$350

Hal K4GFI/7 Las Vegas halwaite@netcom.com

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: RobCap@aol.com

Subject: [3362] KC-1 works with the OHR-400
Message-ID: <950922090458_105920708@mail04.mail.aol.com>

Hi Folks:

I know some of you are interested in the KC-1 memory keyer/counter by Wilderness. The KC-1 is an inspired combination of capabilities, and it is very easy to interface to the OHR-400 for frequency info on each band.

Here is how I interfaced the KC-1:

Mounting: Drilled hole in right mounting hole of R-1 on KC-1 board for a #4-40 1/4 -inch screw. Mounted in left keyer stand-off, using electrical tape to insulate the bottom of the KC-1.

R3- Changed to 1K

CV- 33 pF

CA- .01 uF

RA- 2.2K

S1 and S2 are mounted on front panel of OHR, over the keyer pot. No problem with 6-inch leads.

V. Connected to center conductor of oscillator jack on rear panel using a 2-inch length of plain insulated wire.

R1- Used panel mounted 10K pot in place of standard 500K pot supplied with OHR-400. The left hole from R1 on KC-1 board goes to lug on R1 panel pot that is closest to the phone jack. Center hole from R1 goes to center lug on R1. Right lugs are not used.

AF- Route to 2.2K ohm RA, then to outside lead of audio pot on front panel of OHR-400 (not ground, not center wiper). CA goes from this lug to ground.

Programming: o3A000

Voila! Frequency data and memory keyer with a single push of the button!
The KC-1 is two orders of magnitude cooler than having a band edge marker for a QRP rig.

This series of part substitutions provides accurate frequency data on all bands, and a pleasing audio level from the KC-1, which can be altered with the OHR-400 audio level pot.

Alternatively, Wayne reports that you could use the "S" side of the J310 JFET

(Q100) as the oscillator input. Wayne suggests CV of 5 pf, and R3 of the default value of 3.3K. I haven't tried it, but Wayne is never wrong (let's face it). In this case I believe that the programming command for the offset would be the same.

Wayne and Wilderness have done a great job with the KC-1, and that is also true of the super job that Dick has done at OHR with the OHR-400.

For anyone on the QRP-List, I do not monitor the list, so please return comments directly to me at: Robcap@AOL.com

73,

Rob, WA3ULH

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Chris Gearhart <73370.1677@compuserve.com>
Subject: [3363] MFJ 9420 qrp ssb rig
Message-ID: <950922135010_73370.1677_FHR25-1@CompuServe.COM>

Hi Gang,

Have any of you had any experience with the MFJ 9420 ssb qrp rig? I'm thinking of buying one but have a few questions that the MFJ tech rep couldn't seem to answer (he must have been new because he didn't know anything <g>). First of all, With the cw module installed, what is the power output? Also, does the cw module have a keyer built into it (if not, can the plug-in keyer designed for the cw-only rigs be installed)? Third, can the plug-in filters that are available for the cw-only rigs be installed in the 9420? Fourth, is there an earphone jack? And finally, how do you like the rig!

Thanks,

Chris, N1HWQ

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Brien Pepperdine <pepperb@gov.on.ca>
Subject: [3354] MFJ CWF-2 filter
Message-ID: <Pine.OSF.3.90.950921202634.17152A-100000@govonca2>

Hi. Maybe some of the 'old tymer' qrp ops out there might have some opinions in reference to a device I came across.

One of the long time members of our local club here (which I might add broke with what has to be a 49 year tradition, and ran qrp last Field Day - I didn't know they liked my qrp talk THAT much!) ran by a device to me that came from the estate of another member. This is the aforementioned MFJ CWF-2 filter. I guess hearing is believing, but with 180, 110, and 80 kc selectivity, it seems to be OK - not very ringy, and OK sound as long as one keeps the audio level going into it not too loud.

What was the opinion on this thing in its time. It seems to be labeled on a line going into it as coming 'from Argo', so I assume it was on some sort of TenTec qrp rig at one time (I should call and see if the rig is still in the estate, but I think this is the end dregs). Given the chips is looks to be a dual op-amp filter (my guess).

Anyhow, I'd like to know what I can about it, and how much it is worth to buy 2nd hand (the seller admits MFJ was overpriced and not so great designed, in his opinion anyhow, so I don't think he expects it should sell for much, but he was pondering something ridiculous to begin with - I told him 'lemme try it out and we'll see how much it SOUNDS like its worth').

72

Brien
Toronto

pepperb@gov.on.ca

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: "mperry@vmprofs.estec.esa.nl <Michael Perry>" <MPERRY@estec.esa.nl>
Subject: [3358] No posting; just testing the link. Thanks.
Message-ID: <199509221032.GAA50940@nss2.CC.Lehigh.EDU>

Regards,
Mike Perry

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Mike Robinson <miker@cc.com>

Subject: [3347] OHR 400
Message-ID: <9509211946.AA19225@voder.nsc.com>

I just ordered my OHR 400 4 bander. Can't wait.
Dick said he had them in stock and it would go out
today or tomorrow.

He also recommended that the rig not be run at
more than 1 amp draw on transmit. This will vary
on different bands, so you're best to find the
lowest common denominator.

I vasilated between the Sierra and the OHR400.
I chose the OHR because of the ease of band
switching and the 5 watts capability.

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=====
7.3 de Michael aa0ub          | QRP:
miker@cc.com                 | Norcal #857 | "UR HB 5W FB HR 72"
=====
Take a look at:
http://www.acs.oakland.edu/oak/SimTel/msdos/hamradio.html
=====
```

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: RobCap@aol.com
Subject: [3343] OHR-400 Four Band CW Kit
Message-ID: <950921124502_25474250@mail04.mail.aol.com>

Hi Folks:

I finished the OHR-400, and aligned the radio last night. The kit had taken
about five sessions to build, requiring approximately 20 hours. The rig is
complex, with over 500 components, three boards (4 including keyer),
alignment on 4 bands, and a fair amount of point to point wiring. So the rig
is ideal for the builder who has assembled his/her first kit, and is looking
for a more challenging/robust radio to tackle.

Well, to make a long story short, the OHR-400 came up immediately with no
troubleshooting. I aligned the rig against my FT-1000 and with my little S&S
frequency counter (I do not have an oscilloscope, but did not miss it). The
VFO output from the OHR was so loud, that the VFO signal could be heard S-9
plus 20 in the FT-1000, with no physical connection or "sensing antenna".
Therefore, it was very easy to peak up the OHR using the FT-1000.

Power output easily surpassed the 4-5 watt spec. I'm getting 5.5 watts on 20 meters, 6 watts on 30, and almost 8 watts on 40 and 80. Dick at OHR has advised keep the power at 5 watts. I really enjoy the luxury of effortlessly switching between the bands.

The entire alignment procedure ran only 1 1/2 hours.

I have not done extensive testing yet to say that the receiver is "superb", but I can say that it is clearly very very good. I'll know more in a few days of on-air testing. The narrow filter is working well and is very narrow. The radio has tremendous audio output into the phones, and easily drives a 2.5-inch 8-ohm speaker (user supplied). The radio delivers 150 Khz on each band.

The transmitter sounds superb. A local friend of mine monitored the signal, and reported "a good clean note". My first QSO (579 in Kansas using my R-7 vertical) described the note as "very sweet". I did notice that keying is a bit "heavy", noticeable at higher speeds. The problem is easily rectified by using lighter weighting on my keyer.

Mods so far have included a panel fuse, and a supplemental 12 volt jack.

Tonight I plan to install a speaker and attempt to install the KC-1 memory keyer/counter, which is an excellent complement to the OHR-400. The KC-1 should be easy to interface, because the OHR-400 provides a convenient VFO signal jack, and the last three digits of each band is the same in the VFO as on the operating frequency.

Overall, I'm thrilled with my OHR-400. Along with the Sierra and Norcal-40 (best portable/backpacking radios) and TAC-1 (synthesized), I think the OHR-400 takes its place among the important QRP kits that are available today by virtue of its providing 4 switchable bands.

For anyone on the QRP-List, I do not monitor the list, so please return comments directly to me at: Robcap@AOL.com

72 & 73,

Rob, WA3ULH

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Byron8LCZ@aol.com
Subject: [3352] QRP ant tuners
Message-ID: <950921193511_105442827@emout04.mail.aol.com>

Hi Gang,

Theres an interesting QRP tuner in 73 mag for Oct. pg 10, it uses a Amidon T130-6 toroidal inductor and two 335 pf Radio Shack receiving variable capacitors (shades of St. Louis Tuner). Plus theres a Fwd/Rev swr meter included. Looks like a fairly compact tuner.

I just picked up a Shoup Kit QRP/SWL tuner at a swap last week. It uses a small diameter coil and two receiving variables. I wonder how much power and/or SWR you can put thru these little things before they suffer a melt-down ? Anyone have any experience with them? This thing is 2.25" wide x 5" long x 1.5" thick (including the knob). The smallest tuner that i've seen yet.

Now that i have the Sierra up and running on 20m and 40m, i'm on a quest to find a >small< antenna tuner. I have a MFJ 971, but i'm looking for really small. got any ideas out there ?

72, Byron WA8LCZ Detroit Byron8LCZ@AOL.COM

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: David Adams <dave@flowserver.stem.com>
Subject: [3356] Wife
Message-ID: <9509220626.AA00853@flowserver.stem.com>

Well, after much, goading, cajoling and pestering, I am pleased to announce that from here on out my wife will now be referred to as KE6YNW!! It's a beautiful thing...now she's working on her code so that she can get her hands on the explorer she bought me.

73 de dave, n9uxu

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3341] Re: CMOS Super keyer III (attn. Glowbugs)
Message-ID: <199509211547.IAA14035@usr4.primenet.com>

> I checked the write up in Aug QST mag. to see if Bill's question as
>to the G <gap> command was new in the III machine but found no reference
>to it, maybe Byron can tell us if the G <gap> command is found in the II.
>
I have two CMOS II's, and the /G (gap) command is there.

One is built into the cover for my Bencher. A tight fit, but makes it easy to handle as just one unit.

72, de Roger, AA7QY

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Bill Acito 21-Sep-1995 1353 <acito@asdg.ENABLE.dec.com>
Subject: [3346] Re: CMOS Super keyer III (attn. Glowbugs)
Message-ID: <9509211756.AA13835@us1rmc.bb.dec.com>

Roger, AA7QY wrote:

| I have two CMOS II's, and the /G (gap) command is there.

Thanks. That's probably the only issue I have/would have with the CMOSII or CMOSIII.... I tend to send "Farnsworth" style, fast characters and wider spacing. I'd like the memories to replicate that, and not autospace everything back to the 3/1 ratio spacing. If you notice my call in CW, what ever the character ends on, the next character begins with. Kinda makes the whole thing run together. But I do love my CMOSII.

..- ..- .---- --. ...

b

. - I own my own words -

| | |
|-------------------------|-------------------------------|
| Bill Acito | d i g i t a l |
| acito@asdg.enet.dec.com | Digital Equipment Corporation |
| | Hudson, MA |

KC1GS ... qrp-ne ... qrp-arci ... norcal ... arrl life

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: Qwerper@aol.com
Subject: [3344] Re: Error Condition Re: ko1h
Message-ID: <950921151424_105237731@mail02.mail.aol.com>

SUBSCRIBE QWERPER@AOL.COM

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: rgobrick@public.compuserve.nf.ca (Robert J. Gobrick)
Subject: [3349] Re: ic706 filter?
Message-ID: <199509212030.SAA04270@public.compuserve.nf.ca>

Bob,

Marries email address is 100543.124@compuserve.com which is the standard way to send email to compuserve via the internet. He may have some trouble getting back to you via Compuserve though.

Good luck 73/72 Bob V01DRB/WA6ERb

PS: I think the Ic-706 has optional cw filters of 500 Hz or 250 Hz that drop into the 455 KHz If (The Ic-706 is dual conversion like many of the lower priced (?) rigs (i.e. TS-50, FT-890/900/840, IC-725/707. As far as I know there is no audio filter like the old Ic-730.

>Hi Bob, I read Marrie's review, had a question and could not get address.
>Could you ask Marrie if the 706 has a selectable CW filter or an audio filter
>or maybe none at all and then post the answer? Thank you.
>Bob WB2CWA rbarry@vnet.ibm.com
>ps ...or could you send me Marries's internet adr.
>

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| Bob Gobrick V01DRB/WA6ERB/VE2DRB Newfoundland, Canada |
| QRPer Galore - QRP ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP |
| Internet: bgobrick@terra.nlnet.nf.ca |
| rgobrick@public.compuserve.nf.ca |
| Compuserve: 70466.1405@compuserve.com |
|-----
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From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: carp@gpspc_rsc.comsys.rockwell.com
Subject: [3351] Re: ic706 filter?
Message-ID:
<Pine.LNX.3.91.950921171240.9223A-100000@gpspc_rsc.comsys.rockwell.com>

FYI

The ICOM-706 has been approved by the FCC and will be available from Tucker's for \$1259.

Scott Carpenter
73 KC5KSH

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: NYOUNG@nova.wright.edu
Subject: [3361] Re: MFJ CWF-2 again
Message-ID: <01HVKK5C98J68Y7I42@nova.wright.edu>

I also have one of those little MFJ models. It's in the Howes 40m radio and I must add that it makes that radio a real pleasure to run. There's only one thing that bothers me about the CWF-2, however.

They're only available at flea markets. That's a bummer, since I have yet to find a filter that works as nicely between product detector and af amp. The "hi-per" filter that DSP&K used to sell (remember Dan's?) is nice but not as nice as the CWF2. The little AF filter from 624 Kits is almost as good as the CWF2 (maybe even better) but it's a much bigger board and eats up real estate in the cabinet real quick.

I've been tempted to write MFJ and ask 'em if they still make the little dude, but I suspect, after reading the mail on the CWF-2 that's appeared here, that MFJ doesn't have time to make little boards of stuff that work real nice like that any more. Too bad. I'm sure that the CWF-2 would fit in the box with the Sudden. What a radio that'd make, eh?

73
Nils
WB8IJN &c

From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: kd7s@valleynet.com (Bill Jones)
Subject: [3355] Re: MFJ CWF-2 filter
Message-ID: <199509220204.TAA11523@sierra.valleynet.com>

Brien

I bought an MFJ CWF-2 audio filter at a hamfest a couple years ago for one dollar. The seller didn't know that I would probably have paid as much as five dollars for it. Anyhow, I have used it in a couple homebrew QRP rigs and it performs very well. It currently resides inside an HW-8. You must put it well ahead of the a.f. amp, however. It is a much better performer when run at low levels. The construction isn't the best but that doesn't keep it from working well. Hope this helps.

=====

Bill Jones - KD7S
Sanger, California
Reply to kd7s@valleynet.com

=====

From qrp-l@lehigh.edu Fri Sep 22 10:09:00 1995
From: rgobrick@public.compuserve.com (Robert J. Gobrick)
Subject: [3359] Re: MFJ CWF-2 filter
Message-ID: <199509221116.IAA20874@public.compuserve.com>

Hi Brien,

The MFJ CWF-2 is (was, still is) a classic 4 stage active audio filter design that has been used many many times. I believe the St. Louis QRP club even kitted it up for a while. MFJ also made a similar SSB filter.

I have one laying around the shack here that I pull out every once in a while (although my OHR switched capacitance audio filter is my favourite).

The units go for less than \$10 US (or \$10 Cnd for that matter) at flea markets depending on the number of scratches etc and it does make for a nice little audio filter. It does not have (I think this is correct) a built in final audio amp (ie LM386) so I believe the gain is 1:1 which makes it a good unit for headphone operation and as you mentioned for an audio filter for the Ten Tec Argonauts that added their filtering Before the final audio amp.

Cherish the little gem..

73/72 Bob VO1DRB/WA6ERB

>

>Hi. Maybe some of the 'old tymer' qrp ops out there might have some
>opinions in reference to a device I came across.

>

>One of the long time members of our local club here (which I might add
>broke with what has to be a 49 year tradition, and ran qrp last Field

>Day - I didn't know they liked my qrp talk THAT much!) ran by a device to
>me that came from the estate of another member. This is the
>aforementioned MFJ CWF-2 filter. I guess hearing is believing, but with
>180, 110, and 80 kc selectivity, it seems to be OK - not very ringy, and
>OK sound as long as one keeps the audio level going into it not too loud.
>
>What was the opinion on this thing in its time. It seems to be labeled on
>a line going into it as coming 'from Argo', so I assume it was on some
>sort of TenTec qrp rig at one time (I should call and see if the rig is
>still in the estate, but I think this is the end dregs). Given the chips
>is looks to be a dual op-amp filter (my guess).
>
>Anyhow, I'd like to know what I can about it, and how much it is worth to
>buy 2nd hand (the seller admits MFJ was overpriced and not so great
>designed, in his opinion anyhow, so I don't think he expects it should
>sell for much, but he was pondering something ridiculous to begin with -
>I told him 'lemme try it out and we'll see how much it SOUNDS like its
>worth').
>
>72
>
>Brien
>Toronto
>
>pepperb@gov.on.ca
>
>

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|----------------|--|----------------------|
| Bob Gobrick | V01DRB/WA6ERB/VE2DRB | Newfoundland, Canada |
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From qrp-1@lehigh.edu Fri Sep 22 10:09:00 1995
From: JessQRP@aol.com
Subject: [3345] Re: QRP DX Stuff
Message-ID: <950921141115_105195887@mail02.mail.aol.com>

Great on the XROY on SSB. I worked him the other night on 30 meters with the NN1G SW-30 at about 700 mils into a 30 meter half square. Propagation was in my favor though, got a 569 report, he was 10 over 9...

Best

Jess